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APPLICANT : HITACHI METALS LTD;

INVENTOR : KAMAIKE KUNIHICO;

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TITLE : METHOD FOR GALVANIZING MALLEABLE CAST IRON PRODUCT WITHOUT ACID TREATMENT

ABSTRACT : PURPOSE: To carry out the titled satisfactory galvanizing, by annealing a white pig iron casting in an atmosphere having a low ratio of CO/CO₂ and by pretreating the annealed casting by shot blasting with spherical steel shot, washing and immersion in a flux prior to galvanizing.

CONSTITUTION: A white pig iron casting is annealed in an atmosphere having ≤ 3 ratio of CO/CO₂. The annealed casting is pretreated by shot blasting with spherical steel shot, washing and immersion in a flux bath. At this time, scale removal by pickling is not carried out. The pretreated casting is then galvanized. Thus, a well galvanized malleable cast iron product can be obtained.

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